

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040393.D
 Acq On : 21 Feb 2024 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 22 01:14:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Mahesh Dadoda 02/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	74137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61718	55.958	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.920%			
35) Dibromofluoromethane	5.391	113	45441	50.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.520%			
50) Toluene-d8	8.647	98	164020	48.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	66270	48.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42753	51.052	ug/l	94
3) Chloromethane	1.294	50	41805	48.409	ug/l	98
4) Vinyl Chloride	1.374	62	44317	48.562	ug/l	93
5) Bromomethane	1.599	94	27289	52.990	ug/l	99
6) Chloroethane	1.678	64	28371	49.293	ug/l	96
7) Trichlorofluoromethane	1.886	101	72278	49.318	ug/l	100
8) Diethyl Ether	2.130	74	26743	48.576	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	40666	51.729	ug/l	98
10) Methyl Iodide	2.453	142	44188	50.629	ug/l	96
11) Tert butyl alcohol	2.959	59	60279	280.582	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	37515	49.563	ug/l	97
13) Acrolein	2.233	56	49719	250.732	ug/l	99
14) Allyl chloride	2.660	41	72755	55.389	ug/l	99
15) Acrylonitrile	3.062	53	141083	293.500	ug/l	99
16) Acetone	2.380	43	128241	283.101	ug/l	98
17) Carbon Disulfide	2.508	76	78966	39.517	ug/l	100
18) Methyl Acetate	2.703	43	66656	54.891	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	148997	55.875	ug/l	98
20) Methylene Chloride	2.788	84	46306	54.678	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	39740	46.100	ug/l	98
22) Diisopropyl ether	3.757	45	155521	58.380	ug/l	98
23) Vinyl Acetate	3.721	43	704261	296.557	ug/l	98
24) 1,1-Dichloroethane	3.605	63	85298	54.969	ug/l	98
25) 2-Butanone	4.550	43	204121	288.274	ug/l	100
26) 2,2-Dichloropropane	4.477	77	61475	51.464	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	50110	50.955	ug/l	98
28) Bromochloromethane	4.897	49	39358	59.739	ug/l	99
29) Tetrahydrofuran	5.001	42	131991	286.123	ug/l	99
30) Chloroform	5.092	83	91165	54.338	ug/l	98
31) Cyclohexane	5.470	56	61866	47.027	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	74913	53.077	ug/l	99
36) 1,1-Dichloropropene	5.690	75	61834	49.306	ug/l	99
37) Ethyl Acetate	4.714	43	77151	55.288	ug/l	99
38) Carbon Tetrachloride	5.678	117	58103	48.728	ug/l	98
39) Methylcyclohexane	7.379	83	63658	43.678	ug/l	97
40) Benzene	6.037	78	176098	50.213	ug/l	99

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41) Methacrylonitrile	4.916	41	43325	58.567	ug/l	96
42) 1,2-Dichloroethane	6.086	62	74690	54.487	ug/l	100
43) Isopropyl Acetate	6.336	43	120247	55.201	ug/l	99
44) Trichloroethene	7.123	130	46317	47.879	ug/l	95
45) 1,2-Dichloropropane	7.427	63	49390	54.107	ug/l	95
46) Dibromomethane	7.580	93	35295	52.501	ug/l	99
47) Bromodichloromethane	7.818	83	70291	54.264	ug/l #	98
48) Methyl methacrylate	7.690	41	61322	55.016	ug/l	94
49) 1,4-Dioxane	7.659	88	23351	963.005	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	432143	290.567	ug/l	98
52) Toluene	8.720	92	110398	48.059	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	69838	45.428	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	76982	53.027	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	50663	51.709	ug/l	91
56) Ethyl methacrylate	9.116	69	78413	53.460	ug/l	97
57) 1,3-Dichloropropane	9.305	76	83328	52.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	166076	239.351	ug/l	95
59) 2-Hexanone	9.427	43	331588	281.207	ug/l	99
60) Dibromochloromethane	9.518	129	51095	51.187	ug/l	98
61) 1,2-Dibromoethane	9.610	107	51406	49.361	ug/l	99
64) Tetrachloroethene	9.275	164	40744	47.567	ug/l	97
65) Chlorobenzene	10.079	112	123034	48.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	45526	51.528	ug/l	99
67) Ethyl Benzene	10.195	91	228618	50.319	ug/l	98
68) m/p-Xylenes	10.299	106	166395	96.971	ug/l	96
69) o-Xylene	10.640	106	82387	49.408	ug/l	95
70) Styrene	10.652	104	141862	51.171	ug/l	99
71) Bromoform	10.799	173	37290	45.116	ug/l #	99
73) Isopropylbenzene	10.963	105	222177	49.765	ug/l	100
74) N-amyl acetate	10.841	43	111601	58.317	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	85199	53.117	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70425m	54.865	ug/l	
77) Bromobenzene	11.195	156	52790	50.063	ug/l	99
78) n-propylbenzene	11.305	91	274383	50.763	ug/l	98
79) 2-Chlorotoluene	11.360	91	163170	49.992	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191355	50.911	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20675	45.569	ug/l	99
82) 4-Chlorotoluene	11.451	91	188684	48.791	ug/l	100
83) tert-Butylbenzene	11.713	119	183847	49.891	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	190929	50.210	ug/l	99
85) sec-Butylbenzene	11.890	105	237478	50.146	ug/l	100
86) p-Isopropyltoluene	12.006	119	192555	49.602	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	102071	48.854	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104157	47.079	ug/l	98
89) n-Butylbenzene	12.329	91	188171	50.215	ug/l	97
90) Hexachloroethane	12.536	117	31439	51.344	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	101785	50.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19720	53.268	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	66325	47.899	ug/l	97
94) Hexachlorobutadiene	13.725	225	24310	43.989	ug/l	98
95) Naphthalene	13.774	128	224908	51.427	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65685	49.766	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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